



# PÉZIZE

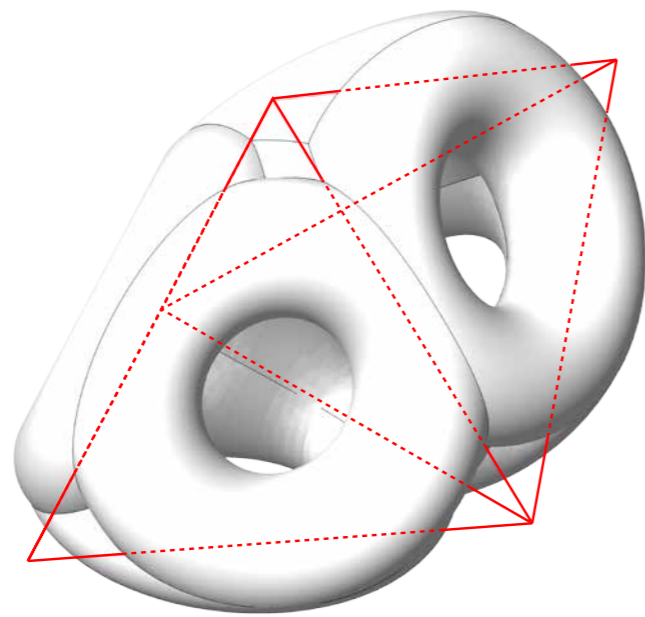
hollowed inflated volume



geometry • lightweight architecture • travelling

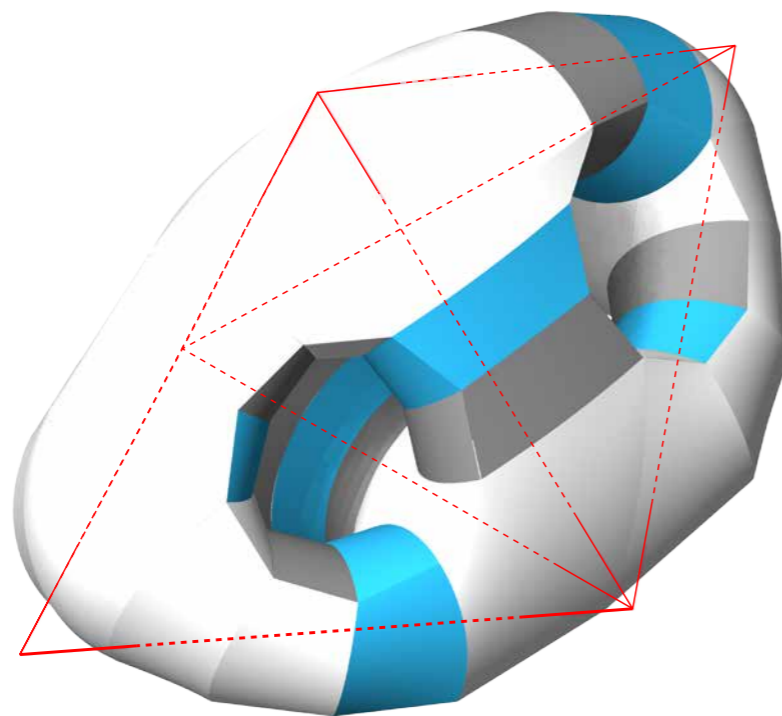


# DESIGN PRINCIPLES



The design of *Pézize* is based on the making of holes in a basic solid : the octahedron. A multidirectional network is thus created spatial paths around patios and walkways.

A subtle play of transparency and thresholds creates a unique architecture where the visitor's eye loses its bearings. The exterior merges with the interior, each reappearing *inside* the other.

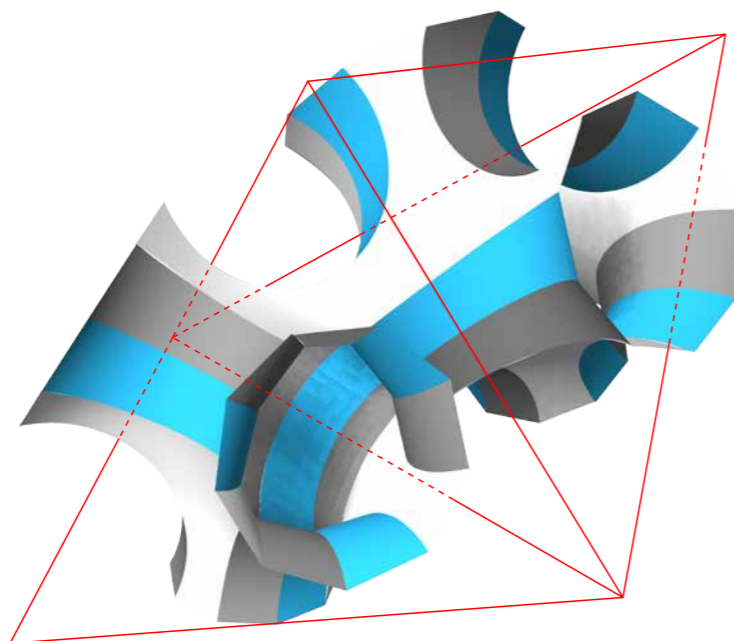


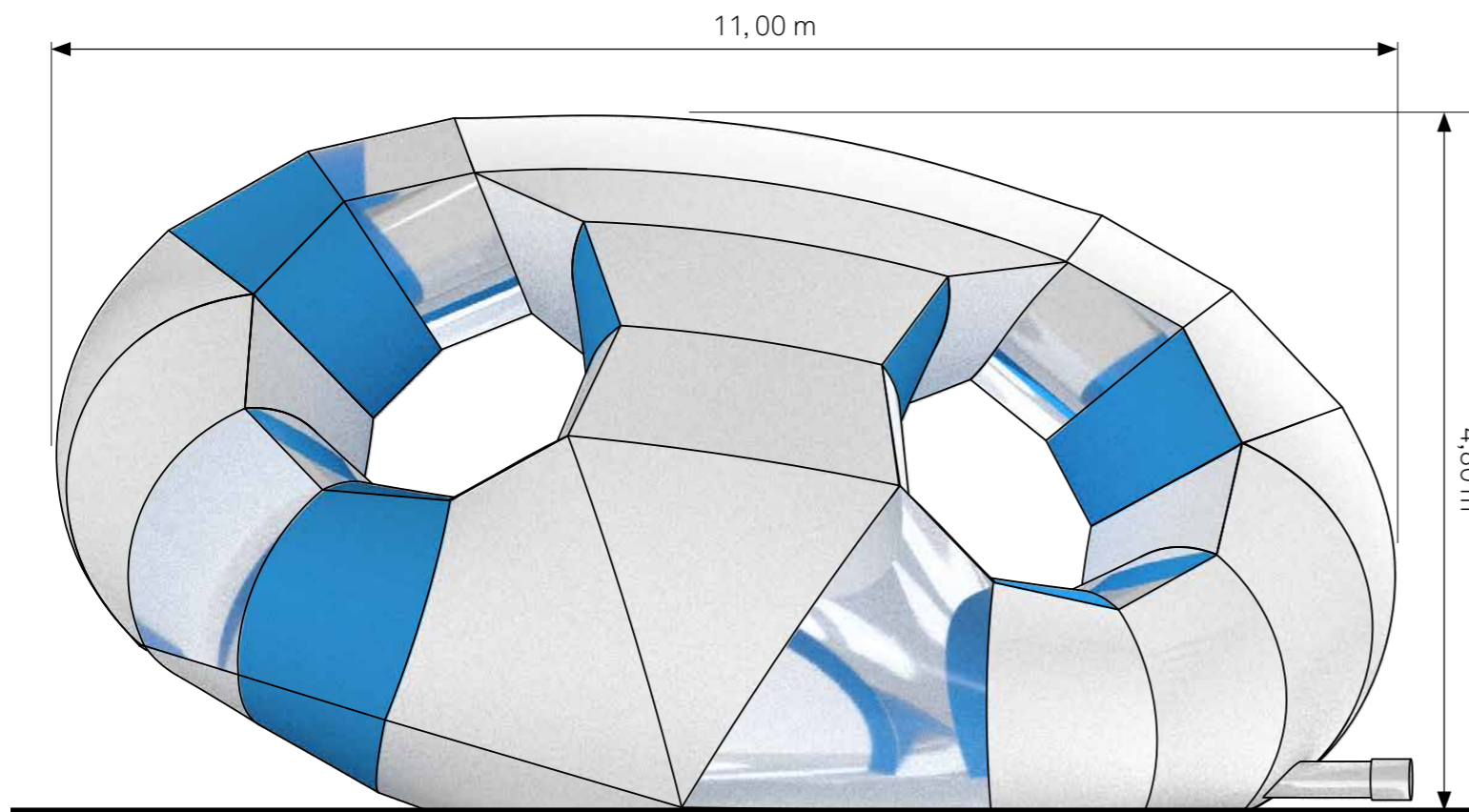
## Negative double curvature

While inflatable structures tend to take on shapes that approach the sphere, *Pézize* shows the possibility for inflatable architecture to adopt geometries normally restricted to tensile tents and structures (shapes with negative double curvature).

To understand *Pézize*, one can imagine that a network of «wells» is attached to the four openings visible on its sides. This network is held in tension, while the rest of the volume is inflated. This distribution of forces is made visible by the assembly of different colours.

[Discover \*Pézize\* through a video](#)





01 Elevation view

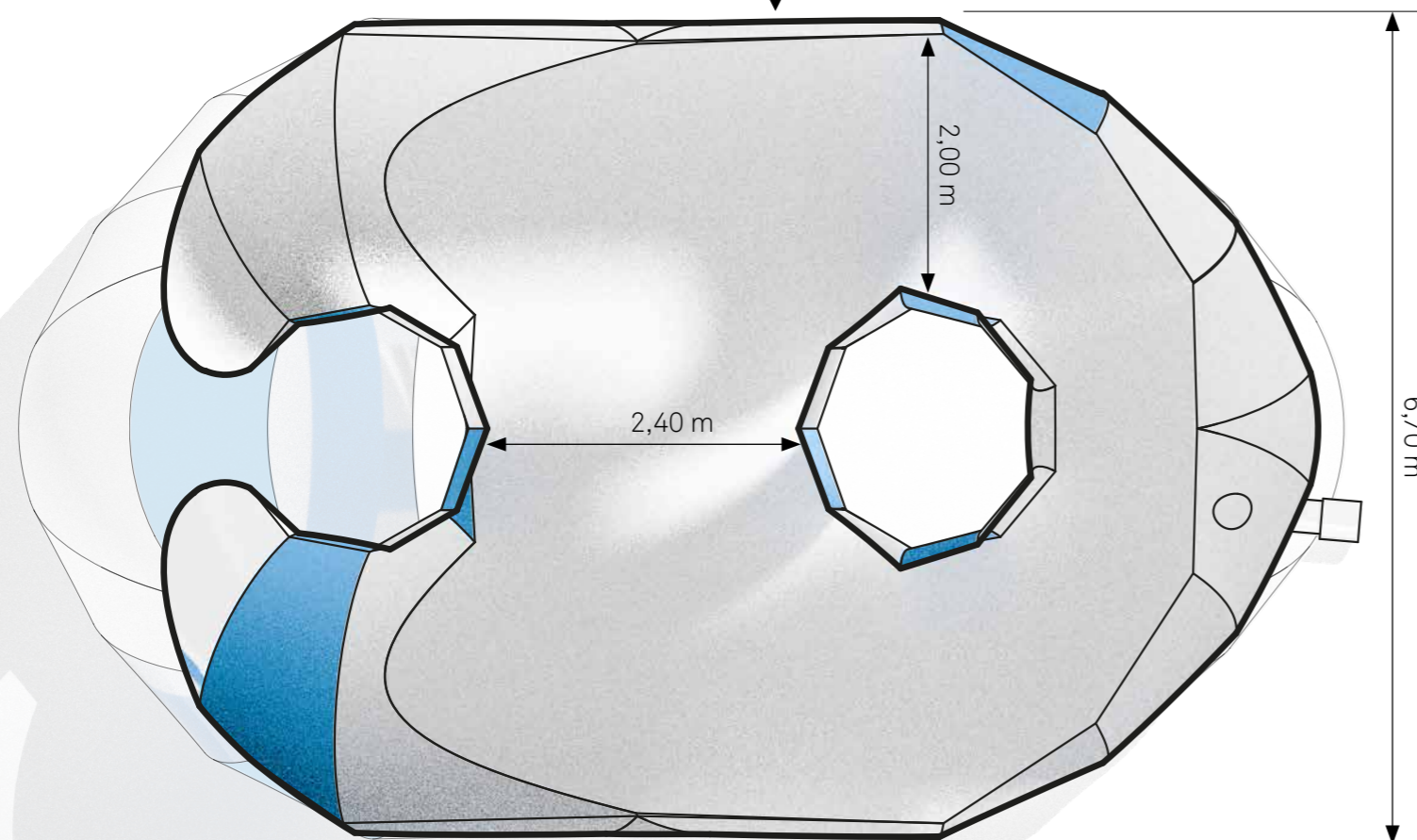
# GENERAL INFORMATION

Ground plan & Front view

Accessible area : 35m<sup>2</sup>  
 Ground surface area : 63 m<sup>2</sup>  
 Included in a 7x11,5 m rectangle (80m<sup>2</sup>)

Maximum height : 4,80 m  
 Inflated volume : ~120 m<sup>3</sup>

Entrée : fermeture éclair supervisée



02 Ground plan



# LIGHTNING LANDMARK

A gigantic sculpture

*Pézize is made of translucent materials that let light through. When night falls, Pézize becomes a giant lantern, a beacon in the night.*



# TECHNICAL DETAILS

## PACKING

<b>Membrane</b>	Bag with handles 100 x 100 x 40 cm ~50 kg
<b>Blower</b>	Wooden box - serves as a cover during event 40 x 50 x 50 cm 12 kg
<b>Global set</b>	The set can also be installed on a pallet and filmed 80 x 120 x 100 cm ~62 kg

## SYSTÈMES D'ANCRAGE

<b>Option 1 Soft ground</b>	40 special stakes
<b>Option 2-1 Solid floor</b> <i>to be provided</i>	45 weights 30 kg each Up to ~40km/h wind

## ASSEMBLY

<b>Fire reaction</b>	Fire-treated membrane - M2 french standard
<b>Power supply</b>	530 W consumption 230V supply with EU plug
<b>Assembly time</b>	2h with 2 trained people
<b>Disassembly time</b>	1h with 2 trained people



# À BIENTOT

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